



# HF Happenings



South African Radio League \* Suid-Afrikaanse Radioliga  
Member Society of the International Amateur Radio Union since 1925  
[www.sarl.org.za](http://www.sarl.org.za) [www.iau.org](http://www.iau.org) [www.iau-r1.org](http://www.iau-r1.org)

## August

16 to 18 - National Watersports Show and Dive Expo, Randburg  
18 - SARL HF Digital Contest  
17 and 18 - International Lighthouse and Lightship Weekend  
23 to 25 - Tokyo Ham Fair  
25 - SARL HF CW Contest  
29 to 31 - Boertjie Kontreifes, Bultfontein  
30 and 31 - Hantam Vleisfees, Calvinia  
29 Aug to 8 Sep - Clanwilliam Wildflower Show  
31 - RTA in Gauteng

## September

4 - Secretary's Day  
5 and 6 - Rosh Hashanah  
6 - Casual Day  
7 and 8 - IARU Region 1 SSB Field Day; RSGB SSB Field Day  
12 - Closing date for October RAE  
14 - Yom Kippur  
20 - Schools close  
20 to 22 - Maloti Makiti, Fouriesburg  
21 and 22 - SARL VHF/UHF Contest  
22 - Spring Equinox  
23 to 27 - IARU Region 2 General Conference, Cancun, Mexico  
24 - Heritage Day; SARL Heritage Day Sprint  
26 to 29 - Hermanus Flower Festival  
28 and 29 - CW WW RTTY Contest

Issue: 568

August 2013

## CQ ZS = SARL HF Digital Contest

The aim of the SARL HF Digital Contest is for participants to contact as many amateurs in Southern Africa as possible on the 20, 40 and 80 m amateur bands. The Phone contest takes place on Sunday 18 August and runs from 13:00 to 16:30 UTC. This contest is NOT run using the runs for the SARL Digital Contest. Participation can be as Single Operator Single Band, Single Operator All Band, Multi Operator Single Band or Multi Operator All Band. Individual competitors and club stations are encouraged to compete.

Frequencies - 3 580 to 3 600 kHz; 7 040 to 7 060 kHz and 14 070 to 14 099 kHz. The exchange is a RST report and a consecutive serial number starting at 001. *General Rule 5.d - For contests requiring serial numbers, a single consecutive numbering sequence starting with 001, shall be used for all contacts. However, a multi-operator station transmitting on several bands simultaneously may at their discretion use separate number sequences for each band.*

RTTY/PSK31 contacts count 1 point. Two points are earned for each area worked per band and a further two points for each station worked on all three bands. Area 1: ZS1 Western Cape; Area 2: ZS2 Eastern Cape; Area 3: ZS3 Northern Cape; Area 4: ZS4 Free State; Area 5: ZS5 KwaZulu-Natal; Area 6: ZS6 North West, Mpumalanga; Limpopo and Gauteng; Area 7: 3B8 Mauritius, 3DA Swaziland, 7P Lesotho, 7Q Malawi, C9 Mozambique, Z2 Zimbabwe, 5R Madagascar, FR Reunion Island and FH Mayotte and Area 8: 9J Zambia, A2 Botswana, D2 Angola, V5 Namibia, ZD9 Gough and Tristan da Cunha Islands, ZS7 Antarctica and ZS8 Marion Island. Contacts with stations outside these areas are allowed, QSO points may be claimed but no zone or three-bander points may be claimed.

The ZS4BS Trophy is awarded by the Contest Committee to the amateur who achieves the highest score during the annual HF Digital Contest and the SARL Trophy is awarded by the Contest Committee to the amateur who achieves the highest score on any one band, during the annual HF Digital Contest. Certificates are awarded to the first three places and the highest single band score.

Logs must be submitted by 26 August for the Digital contest and sent to [zs4bfm@netactive.co.za](mailto:zs4bfm@netactive.co.za).

## Summits on the Air

Congratulations to Lucas Swart, ZS6ACT, for gaining 101 SOTA points as an activator. Lucas is the first Radio Amateur in South Africa to gain more than 100 SOTA points as an Activator.

Thank you to all the Radio Amateurs who help the SOTA activators to get contacts.

Current Summits-on-the-Air (SOTA) activities are announced at  
[www.sotawatch.org](http://www.sotawatch.org)

And more SOTA information can be found at [www.sota.org.uk](http://www.sota.org.uk)



Have **YOU** done anything today to Promote Amateur Radio?



## DXCC Rules to be Reviewed

From the "Minutes of 2013 Second Meeting - ARRL Board of Directors - dated 19 - 20 July 2013" Item 35: <http://www.arrl.org/files/file/About%20ARRL/Board%20Meetings/2013%20Second%20Meeting%20Minutes.pdf>

"On motion of Mr. Fenstermaker, seconded by Mr. Vallio, the following resolution was ADOPTED:

WHEREAS: The ARRL's DXCC program is very successful and is recognized as the premier DX award available to Radio Amateurs. It has been at least 10 years since the DXCC rules were comprehensively reviewed by the DX Advisory Committee (DXAC) and/or another committee and ratified by the ARRL Board of Directors. These changes to DXCC have been very successful and resolved many previous problems and inconsistencies in the DXCC rules and program; and,

WHEREAS during this time, changing international conditions and situations now warrant review of these rules to insure the DXCC rules acknowledge such changes and events.

NOW BE IT THEREFORE RESOLVED that the ARRL Board of Directors tasks the Program and Services Committee to request the DX Advisory Committee (DXAC) study and, if warranted, recommend changes to the DXCC Rules for the ARRL Board of Directors to discuss.

A status report shall be forwarded to the Programs and Services Committee prior to the January 2014 Board Meeting with a final report and recommendations forwarded to the Programs and Services Committee prior to the July 2014 Board Meeting."

## DXCC News

Bill Moore, NC1L, ARRL Awards Branch Manager, reports that the following operations are approved for DXCC credit - T5TC - Somalia, 2013 operation, XW2CW - Laos, 2012 operation and Z81X - Republic of South Sudan, 2013 Operation

Note: If you've had these rejected in a prior application, send a note to [bmoore@arrl.org](mailto:bmoore@arrl.org) to be placed on the list for an update to your record. Also, please note the submission date and/or reference number where the rejection was noted to expedite the search for any rejected QSOs. (Thanks Tjerk, ZS6P)

## Amateur Data Interchange Format (ADIF) Standard 3.0.4 released

**T**he latest version of the Amateur Data Interchange Format (ADIF) Standard, 3.0.4, has been approved by the ADIF Developer group, and is available from <http://adif.org/304/>. ADIF is a standard format used to exchange data between different amateur radio programs and websites.

This new version includes improvements to the way modes and awards are represented. It also adds support for SOTA and uploading QSOs to Club Log, HRDLog.net, and QRZ.COM.

For more information about the ADIF Developer group, please see <http://groups.yahoo.com/group/adifdev/>

## Reverse Beacon Network (RBN)

**D**ue to the generosity of volunteers, the AR Cluster V6 Telnet server at the Reverse Beacon Network (RBN) <http://reversebeacon.net/> has just been replaced with a beta version that provides quality scores for each RBN spot, as well as filters enabling users to apply those scores to limiting the spots they receive. Note that if you do not set any of the new filters, the node will continue to function as it always has, except for the addition of a validity code as part of the comment on each RBN

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spot. All existing filters will continue to work as before. Read the full story on the AB5K website [www.ab5k.net/ArcDocsVer6/UserManual/ArcDx\\_CT1BOH.htm](http://www.ab5k.net/ArcDocsVer6/UserManual/ArcDx_CT1BOH.htm). Special thanks to CT1BOH, who did extensive analysis of RBN data and developed the innovative algorithms being used, and to AB5K, for the hard work of coding and testing the filters for incorporation in this new version of his cluster software.

## Technical Topics and Information

For those of us with a shack located far from ground - such as on the second floor - RF "grounding" is impossible as even the shortest connection to the Earth has a significant electrical length. While a safety ground connection is something you need, managing RF voltage and current in the station takes on a new importance up in the air. Tom, W8JI, has put together some information about his aboveground installation on his website [www.w8ji.com/second\\_floor\\_grounding.htm](http://www.w8ji.com/second_floor_grounding.htm)

If you wonder about the effectiveness of silver plating on connectors and are willing to read a comprehensive engineering report, this paper by Tyco Electronics is for you. [www.te.com/documentation/whitepapers/pdf/Ag\\_use\\_connectors\\_503-1016.pdf](http://www.te.com/documentation/whitepapers/pdf/Ag_use_connectors_503-1016.pdf)

While there are many electronic schematic editors, not many include tube symbols as part of their library of components. Bill, KU8H, found *TubePad*, a simple symbol-based editor built on the Paint accessory in Windows. [www.qsl.net/w/wd4nka/TEXTS/Tubepadf.html](http://www.qsl.net/w/wd4nka/TEXTS/Tubepadf.html)

Martin, KH6MB, a Ko'olau Amateur Radio Club member, designed an antenna coupler [www.karc.net/AntennaTuner/TunerProject.html](http://www.karc.net/AntennaTuner/TunerProject.html) for the club's Field Day operations at the north end of Kaneohe Bay. The coupler is used for bottom feeding two-element parasitic wire Yagis, half squares, or Bobtail Curtain antennas. The design matches several-thousand-ohm impedances to 50-ohm coaxial cable.

Gary W9XT recommends the 75-to-50-ohm matching trick of using alternating short sections of 50 and 75-ohm coax to match the cables over one band. This may be a better alternative at low frequencies where a half-wavelength may be a pretty long length of feed line. [www.w9xt.com/page\\_radio\\_gadgets\\_hardline.html](http://www.w9xt.com/page_radio_gadgets_hardline.html)

This EDN article [www.edn.com/electronics-blogs/open-sourced/4419232/Open-source-electrical-engineering-design-tools--continued-](http://www.edn.com/electronics-blogs/open-sourced/4419232/Open-source-electrical-engineering-design-tools--continued-) discusses using several software tools for PC board layout and fabrication. A related Wikipedia article offers comparisons between many tools. [http://en.wikipedia.org/wiki/Comparison\\_of\\_EDA\\_software](http://en.wikipedia.org/wiki/Comparison_of_EDA_software)

Bob, KØRC, recently updated his VSWR charting tool and posted Revision 5 to the public Dropbox location. The new version allows you to chart both "before and after" VSWR curves to help visualize the effect of any adjustments you made to your antenna. You can print the charts for future reference. [www.dropbox.com/I/EEansReMFYlcOH0ZcAmD29](http://www.dropbox.com/I/EEansReMFYlcOH0ZcAmD29)

Mark N1LO's web page on towers [www.qsl.net/n1lo/towers.txt](http://www.qsl.net/n1lo/towers.txt) compiles a great deal of useful information on many tower-related topics. There are several other useful collections of information on his site, as well.

LEDs have evolved rapidly over the past few years and it may be time for a refresher course in how to use the new designs. Filling that need, Don Tuite of Electronic Design wrote the informative "Understanding LED Application Theory and Practice" article in the

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2 May issue. <http://electronicdesign.com/components/understanding-led-application-theory-and-practice>

Finding the right place to bypass a noisy AC line can be a time-consuming exercise. Tom, W8JI, used a three-wire AC plug with two 0.01  $\mu$ F 250 VAC UL/CSA bypass capacitors. No cord or wires were attached to the plug. Move the plug around the house from outlet to outlet and you may be able to find a "sweet spot" where conducted noise is reduced or eliminated.

The Single Vertical Phased Array (SVA) antenna designed by Floyd, WA2WVL, <http://www.wa2wvl.com/> is described as being able to equal or exceed the performance of a Four-Square Array using only a single 11,88 m (39-foot) aluminium mast. The front and back (top) guy wires, supporting the vertical, are used to create a 3-element end-fire array. Only a single high-pass network is required to drive the front element (no quadrature network). Since the array is supported by a single lightweight 11,88 m vertical, hinged at the ground, a single person can raise or lower the array.

### The 80<sup>th</sup> anniversary of the 1923 Transatlantic tests

**A**n interesting historical anniversary can be celebrated this fall as the CQ World Wide CW Contest <http://www.cqww.com/> begins just a few days before the 80<sup>th</sup> anniversary of the 1923 Transatlantic tests during which amateur two-way communications "crossed the pond" for the first time. 27 November marks the exact date on which Fred Schnell, 1MO, and John Reinartz, 1QP-1XAM, both in Connecticut, exchanged messages with Leon Deloy, 8AB, in France. While this is interesting in and of itself, what would be *really* cool is for teams to operate in the contest using the same call signs (with proper prefixes, of course) as those first US and French stations that made it across. There is a project for you!

### Word to the Wise

**S**ay Thank You - yes, just like your Mom suggested, it is good manners to say thanks when you win a sponsored hamfest or convention prize. We all enjoy hearing our call sign at the raffle drawing - it is a fun aspect of many events and an important fund-raiser, as well. Take a moment to express appreciation to the person or company that donated the prize. Many vendors report that few winners express their appreciation - where are those manners?

### Operating Tip

**A**s you undertake your pre-contest season shack cleanup, consider the layout of accessories such as switches and controllers. To minimize mental errors, the accessories should follow the general layout of the main radio equipment. If you use two radios during a contest, the accessories should be arranged in the same general way as the radios - left/right or above/below.

### African Islands

African Tour. YL Ann, W6NN, will be active from the following areas as:

- \* EA8/W6NN - Tenerife, Canary Islands; 11 to 16 August
- \* 9H3NN - Gozo Island, Malta; 21 to 26 August (not quite Africa)

All activities will be holiday style on 40 - 10 metres using all modes. QSL via her home call sign, direct or by the Bureau, see QRZ.com for details. Logs will be posted on ClubLog.



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Lampedusa Island, AF-019. Landi, IW5ELA, will be active as IG9/IW5ELA from Lampedusa Island between 8 and 13 September. Activity will be on the HF bands, mainly CW and using FT-857 with 100 watts into a multiband vertical. QSL via his home call sign, by the Bureau and direct.

Amsterdam Island DXpedition Update, FT5ZM (From The FT5ZM Web Page). Ralph, KOIR, updated the Web page this past week with details (as well as pictures) of the landing and operating sites for the FT5ZM DXpedition on Amsterdam Island. He states, "We have been assigned two operating sites on the north end of the island. One site, a shelter called Mataf, is located just northeast of the base. It is over 400 feet from the sea and the beach area has small cliffs, is rugged and rocky and is exposed to the high sea. Having antennas at the water's edge is not really an option. The slope downward and to the north favours propagation to most major population areas. We will use verticals for the low bands and 3-element Yagis for the high bands." Check out the complete press release (with pictures) at <http://www.amsterdamdxdx.org/ft5zm-operating-sites>

### African DX

Senegal, 6W. Just a reminder that Francis, F6BLP, will once again be active as 6W7SK from Saly Portudal, 80 km south of Dakar on the coast, between 3 and 31 January 2014. Activity will be holiday style using the same station as last time (IC-7000 into G5RV antenna) operating mainly CW on 80 - 10 meters. If possible, he also hopes to be active on 160 m with an Inverted L. QSL via F6BLP, direct or by the Bureau. Logs will be uploaded to LoTW and eQSL. For more details, logs and pictures of his last operation, visit <http://www.f6blp.org>

### Contest Calendar

#### QRP Fox Hunt

01:00 - 02:30 UTC 16 August

Mode: CW

Bands: 20 m Only

Classes: Single Op (Fox/Hound)

Max power: 5 watts

Exchange: RST, state, province or country, name and power output

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 02:30 UTC 17 August 2013

E-mail logs to: (see rules)

Mail logs to: (none)

Find rules at: [http://www.qrpfoxhunt.org/summer\\_rules.htm](http://www.qrpfoxhunt.org/summer_rules.htm)

#### NCCC RTTY Sprint

01:30 - 02:00 UTC 16 August

Mode: RTTY

Bands: (see rules)

Classes: (none)

Exchange: (see rules)

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 18 August 2013

E-mail logs to: (none)

Post log summary at: <http://www.3830scores.com/>

Mail logs to: (none)

Find rules at: <http://www.ncccsprint.com/rules.html>

#### NCCC Sprint Ladder

02:30 - 03:00 UTC 16 August

Mode: CW

Bands: 160, 80, 40, 20, 15 m

Classes: Single Op

Max power: 100 watts

Exchange: (see rules)

Work stations: Once per band

QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station

Multipliers: Each US state (including KL7 and KH6) once per band; Each VE province once per band; Each North American country (except W/VE) once per band

Score Calculation: Total score = total QSO points x total mults

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This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 29 July to 5 August 2013



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Submit logs by: 18 August 2013

E-mail logs to: (none)

Post log summary at: <http://www.3830scores.com>

Mail logs to: (none)

Find rules at: <http://www.ncccsprint.com/rules.html>

#### SARTG WW RTTY Contest

00:00 - 08:00 UTC and 16:00 - 24:00 UTC

17 August and 08:00 - 16:00 UTC 18 August

Mode: RTTY

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op All Band; Single Op All Band Low Power; Single Op Single Band; Multi-Single; SWL

Max power: HP: >100 Watts; LP: 100 Watts

Exchange: RST and serial no

Work stations: Once per band

QSO Points: 5 points per QSO with same country; 10 points per QSO with same continent; 15 points per QSO with different continent

Multipliers: Each DXCC country once per band; Each VK, VE, JA, W call area once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 10 October 2013

E-mail logs to: [contest@sartg.com](mailto:contest@sartg.com)

Upload log at: [http://ua9qcq.com/en/submit\\_log.php](http://ua9qcq.com/en/submit_log.php)

Mail logs to: SARTG Contest Manager, Ewe Hakansson, SM7BHM, Pilspetsvagen 4, SE-29166, Kristianstad, Sweden

Find rules at: <http://www.sartg.com/contest/wwwrules.htm>

#### Russian District Award Contest

08:00 UTC 17 August to 08:00 UTC 18 August

Mode: CW, SSB

Bands: 160, 80, 40, 20, 15, 10 m

Classes: SOAB Mixed Mode - high or low; SOAB Mixed Mode Field; SOAB CW - high or low; SOAB CW Field; SOAB SSB - high or low; SOAB SSB Field; Multi-Single Mixed Mode; Multi-Single Mixed Mode Field; SWL

Exchange: RU: RS(T) and District code; non-RU: RS(T) and QSO no

Work stations: Once per band per mode

QSO Points: RU: 1 point per QSO with same country; RU: 2 points per QSO with same country, different continent; RU: 3 points per QSO with different country, same continent; RU: 5 points per QSO with different country, different continent; RU: 10 points per QSO between Field entrants; non-RU: 10 points per QSO with RU station

Multipliers: RU Stations: Each DXCC country once per band and each RDA district once only

non-RU Stations: Each RDA district once only

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 30 August 2013

E-mail logs to: [rx3rc@rdaward.org](mailto:rx3rc@rdaward.org)

Upload log at: [http://ua9qcq.com/en/submit\\_log.php](http://ua9qcq.com/en/submit_log.php)

Mail logs to: (none)

Find rules at: <http://rdaward.org/rdac1.htm>

#### Keyman's Club of Japan Contest

12:00 UTC 17 August to 12:00 UTC 18 August

Mode: CW

Bands: 160, 80, 40, 20, 15, 10, 6 m

Classes: Single Op Multiband; Single Op Single Band (JA Only); SWL

Exchange: JA: RST and prefecture/district code; non-JA: RST and continent code

QSO Points: JA Station: 1 point per QSO with JA station; JA Station: 5 points per QSO with DX station; DX Station: 1 point per QSO with JA station

Multipliers: Each JA prefecture once per band; JA Station: Each continent once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 18 September 2013

E-mail logs to: [kcj-log@kcj-cw.com](mailto:kcj-log@kcj-cw.com)

Mail logs to: T. Shishido JA4AVO, Kuchita 5-48-7-2, Asakita 739-1734, Hiroshima, Japan

Find rules at: [http://www.kcj-cw.com/contest/13\\_kcj\\_contest\\_rule\\_e.pdf](http://www.kcj-cw.com/contest/13_kcj_contest_rule_e.pdf)

#### North American SSB QSO Party

18:00 UTC 17 August to 05:59 UTC 18 August

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Mode: SSB

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op - QRP or low; Multi-Two - low

Max operating hours: Single Op: 10 hours; Multi-Two: 12 hours

Max power: LP: 100 watts; QRP: 5 watts

Exchange: NA: Name and state, province or country; non-NA: Name

Work stations: Once per band

QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station

Multipliers: Each US state (including KH6/KL7) once per band; Each VE province/territory once per band; Each North American country (except W/VE) once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 24 August 2013

E-mail logs to: (none)

Upload log at: <http://www.ncjweb.com/nagplogssubmit.php>

Mail logs to: Bill Lippert, ACOW, 2013 6th Avenue SE, Austin, MN 55912-4321, USA

Find rules at: <http://www.ncjweb.com/nagprules.php>

Feld Hell Sprint

20:00 - 22:00 UTC 17 August

Mode: Feld Hell

Bands: 160, 80, 40, 20, 15, 10 m

Classes: (none)

Max power: Standard: 100 watts; QRP: 5 watts

Exchange: (see rules)

Work stations: Once per band

QSO Points: (see rules)

Bonus Points: (see rules)

Multipliers: (see rules)

Score Calculation: (see rules)

Submit logs by: 24 August 2013

E-mail logs to: [kj8o@wowway.com](mailto:kj8o@wowway.com)

Mail logs to: (none)

Find rules at: <https://sites.google.com/site/feldhellclub/Home/contests/sprint-rules>

CVA DX CW Contest

21:00 UTC 17 August to 21:00 UTC 18 August

Mode: CW

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op - QRP, low or high; Single Op Single Band - low or high; Multi-Single - low or high; Multi-Two; Headquarters; Teen Single Op; YL Single Op

Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts

Exchange: RST and type/UF (see rules)

Work stations: Once per band

QSO Points: (see rules)

Multipliers: Each UF once per band; Each country once only

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 15 September 2013

E-mail logs to: [cw@craec.org](mailto:cw@craec.org)

Mail logs to: (none)

Find rules at: <http://www.craec.org>

SARL HF Digital Contest

13:00 - 16:30 UTC 18 August

Mode: RTTY, PSK31

Bands: 80, 40, 20 m

Classes: Single Op All Band; Single Op Single Band; Multi-Op All Band; Multi-Op Single Band

Exchange: RST and serial no

Score Calculation: (see rules)

Submit logs by: 26 August 2013

E-mail logs to: [zs4bfn@netactive.co.za](mailto:zs4bfn@netactive.co.za)

Mail logs to: (none)

Find rules at: [http://www.sarl.org.za/Documentation/SARL\\_Contest\\_Manual\\_2013\\_Issue\\_11.pdf](http://www.sarl.org.za/Documentation/SARL_Contest_Manual_2013_Issue_11.pdf)

ARRL Rookie RTTY Roundup

18:00 - 23:59 UTC 18 August

Mode: RTTY

Bands: 80, 40, 20, 15, 10, 6 m

Classes: Single Op Rookie; Multi-Op Rookie; Non-Rookies

Max power: 100 watts

Exchange: NA: Name, 2-digit year first licensed and state, province, XE area or DX

Work stations: Once per band

QSO Points: 1 point per QSO with non-rookie; 2 points per QSO with rookie

Multipliers: Each US state and DC once; Each VE province once; Each XE call area once; One DX once

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Score Calculation: Total score = total QSO points x total mults

Submit logs by: 23:59 UTC 21 August 2013

E-mail logs to: (none)

Post log summary at: [http://www.b4h.net/arrlrr/rr\\_scoresubmission.php](http://www.b4h.net/arrlrr/rr_scoresubmission.php)

Mail logs to: (none)

Find rules at: <http://www.arrl.org/rookie-roundup>

Run for the Bacon QRP Contest

01:00 - 03:00 UTC 19 August

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Band; All Band

Max power: 5 watts

Exchange: RST, state, province or country and member no or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-member; 3 points per QSO with member on same continent; 5 points per QSO with member on different continent

Multipliers: Each state, province or country once; Multiply mults by 2 if >50 members worked

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 25 August 2013

E-mail logs to: (none)

Upload log at: <http://fpqrp.org/pigrun/autolog.php>

Mail logs to: (none)

Find rules at: <http://fpqrp.org/pigrun/>

NAQCC-EU Monthly Sprint

18:00 - 20:00 UTC 19 August

Mode: CW

Bands: 80, 40, 20 m

Classes: Single Op Simple Wire Antenna; Single Op Gain Antenna

Max power: 5 watts

Exchange: RST, country and NAQCC no or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-member; 2 points per QSO with member

Multipliers: Each country in Europe; First country in each continent worked other than Europe

Key Type Mult: 2x if straight key, 1.5x if bug, 1x if other

Score Calculation: Total score = total QSO points x total mults x key type mult

Submit logs by: 20:00 UTC 22 August 2013

Upload log at: <http://naqcc-eu.org/eu-sprints/submit-your-log>

Mail logs to: (none)

Find rules at: <http://naqcc-eu.org/sprints/rules/current.pdf>

## Next Week's Contests

QRP Fox Hunt, 01:00 - 02:30 UTC 23 August

NCCC Sprint Ladder, 02:30 - 03:00 UTC 23 August

Hawaii QSO Party, 04:00 UTC 24 August to 04:00 UTC 26 August

SCC RTTY Championship, 12:00 UTC 24 August to 11:59 UTC 25 August

YO DX HF Contest, 12:00 UTC 24 August to 12:00 UTC 25 August

Kansas QSO Party, 14:00 UTC 24 August to 02:00 UTC 25 August 14:00 - 20:00 UTC 25 August

QRP ARCI Welcome to QRP, 15:00 - 18:00 UTC 24 August

Ohio QSO Party, 16:00 UTC 24 August to 04:00 UTC 25 August

CVA DX SSB Contest, 21:00 UTC 24 August to 21:00 UTC 25 August

SARL HF CW Contest, 13:00 - 16:30 UTC 25 August

## New (and fun) Contest

**R**ecently, Australia's Manly-Warringah Radio Society made a bulk purchase of portable flagpoles for use as antenna masts. This inspired the club to create a new radio contest, specifically aimed at encouraging fun, portable operations, preferably using a *flagpole* as part of your antenna system.

Full details of the contest are on the club web site at [www.mwrs.org.au](http://www.mwrs.org.au), but a few key

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points are:

- that this is a FUN contest, and not to be taken too seriously
- any mode and frequency is permitted
- extra points will be awarded for contacts with flagpole stations
- more extra points for contacts with F-calls (Flagpole-calls? HI)
- even more extra points will be awarded for submitting (by email, SSTV, or any other means) a photo of your station showing your station's flagpole.

There will be calling frequencies on 40 and 80 metres, as well as the club 2m repeater for those of you in Sydney with only VHF access.

The first MWRS Flagpole Contest will take place on 21 September. Because this date is close to International Talk-like-a-Pirate Day (on the 19th), extra points may also be awarded if your station photo includes a Jolly Roger or other humorous flag of your choice.

Details again are at [www.mwrs.org.au](http://www.mwrs.org.au). Just enter 'flagpole' in the search box.

Richard Murnane, VK2SKY. <http://www.mwrs.org.au/2013/08/04/mwrs-flagpole-contest/>



### History This Week for the week starting 12 August

- 1248 - Construction of Cologne Cathedral begun
- 1743 - Earliest boxing code of rules formulated in England (Jack Broughton)
- 1787 - W Herschel discovers Enceladus, a moon of Saturn
- 1807 - Robert Fulton's steamboat Clermont begins first trip up Hudson River
- 1851 - Isaac Singer granted patent for his sewing machine
- 1870 - The U S Transcontinental Railway actually completed
- 1880 - Construction of Cologne Cathedral completed
- 1893 - France issues first driving licenses, included required test
- 2013 - ZS4BS bumped his head climbing into an Armoured Vehicle - no damage to the vehicle, slight gash and blood for ZS4BS

Where is Carina standing?

It is in the Northern Cape. About 350 metres from the blockhouse, two rivers come together and flow on to join the Vaal River.

On 28 November 1899 a battle was fought not far from the blockhouse.



Items used with acknowledgement to The ARRL Letter, Amateur Radio Newsline, OPDX Bulletin, 425 DX Bulletin, DXNL Bulletin, ARRL DX News, WIA-News, the RSGB News and Southgate ARC News

